

CLAIMS

1. A connection unit for a data recording device, comprising a base and a connector fixed to the base, and for connecting to the connector a data
5 recording device of a substantially cuboid shape and with a plurality of connection terminals arranged at one side of the device,

wherein the base comprises a receptacle being movable along a direction heading for the connector with accommodating the data recording device, and

10 wherein the receptacle is adapted to hold the device by pressing both sides of the device along the direction in which the receptacle moves upon application of pushing force to the receptacle toward the connector, so as to move with adjusting the device in a position corresponding to a position where the connector is fixed, so that the connection terminals are connected
15 to the connector.

2. The connection unit as defined in claim 1,

wherein the both sides of the data recording device are pressed only when the pushing force toward the connector is applied to the receptacle, and
20 the both sides are released when the pushing force is not applied.

3. The connection unit as defined in claim 1 or 2,

wherein the receptacle is formed by combination of a first movable member adapted to move along sliding guides secured to the base and a
25 second movable member attached to the first movable member in such a manner as moving in a direction oblique to the direction in which the first movable member moves and along the base, and

wherein the first movable member is adapted to have contact with one side of the data recording device along the sliding guides and the second movable member is adapted to have contact with the other side of the device along the sliding guides and a side facing to a side provided with the connection terminals,

the pushing force toward the connector being applied to one selected from the second and the first movable members.

4. The connection unit as defined in claim 1 or 2,
wherein the receptacle is formed by combination of a first movable member adapted to move along sliding guides secured to the base and a second movable member attached to the first movable member in such a manner as moving in a direction oblique to the direction in which the first movable member moves and along the base, and

wherein the first movable member is adapted to have contact with one side of the data recording device along the sliding guides and the second movable member is adapted to have contact with the other side of the device along the sliding guides and a side facing to a side provided with the connection terminals,

the pushing force toward the connector being applied to the second movable members.

5. The connection unit as defined in claim 4,
wherein the second movable member is stopped from moving in the oblique direction upon release of the application of the pushing force to the second movable member, so that pressure to the other side of the device is released.

6. The connection unit as defined in claim 4 or 5,
wherein the second movable member is urged in a direction away from
the connector relative to the first movable member.

5

7. The connecting unit as defined in one of claims 4 to 6,
wherein the first movable member is adapted to have contact with the
side provided with the connection terminals of the device,
the urging force away from the connector being applied to the first
10 movable member.

8. The connection unit as defined in one of claims 2 to 7,
wherein the base has an engaging member operated by an operation
lever,

15 so that the engaging member is engaged with the second movable
member by operation of the operation lever in one direction to apply the
pushing force toward the connector to the second movable member, and that
the engaging member is engaged with the first movable member by operation
of the operation lever in the reverse direction to apply the urging force away
20 from the connector to the first movable member.

9. The connection unit as defined in one of claims 2 to 7,
wherein the base has an engaging member operated by an operation
lever,

25 so that the engaging member is engaged with one selected from the
second and the first movable members by operation of the operation lever in
one direction to apply the pushing force toward the connector to the one

selected from the second and the first movable members,

the one selected from the second and the first movable members being forced to move toward the connector by the pushing force,

the other one selected from the second and the first movable members
5 being forced to move toward the connector upon reception of a force from the one selected from the second or the first movable members.

10. The connection unit as defined in claim 8 or 9,

wherein the second movable member is engaged with the first movable
10 member via an oblique guide,

so that the second movable member is adapted to move in a direction oblique to the direction in which the first movable member moves by the oblique guide.

15 11. The connection unit as defined in one of claims 8 to 10,

wherein the engaging member pivots by operation of the operation lever, so as to produce the pushing force.

12. The connection unit as defined in one of claims 1 to 11,

20 wherein the base has a board provided with an interface circuit adapted to interface the data recording device and an external device connected thereto,

wherein the connector is secured to the board.

25 13. The connection unit as defined in one of claims 1 to 12, further comprising a fixed position adjuster adapted to adjust a position where the connector is fixed.